

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101519\
 Data File : VD063964.D
 Acq On : 15 Oct 2019 11:28
 Operator : VA/SY
 Sample : VD1015SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1015SBL01

Quant Time: Oct 16 02:24:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	176074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	316291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	314282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	150226	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	98604	57.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.04%	
35) Dibromofluoromethane	7.91	113	101476	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
50) Toluene-d8	10.34	98	410132	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
62) 4-Bromofluorobenzene	12.63	95	130245	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	

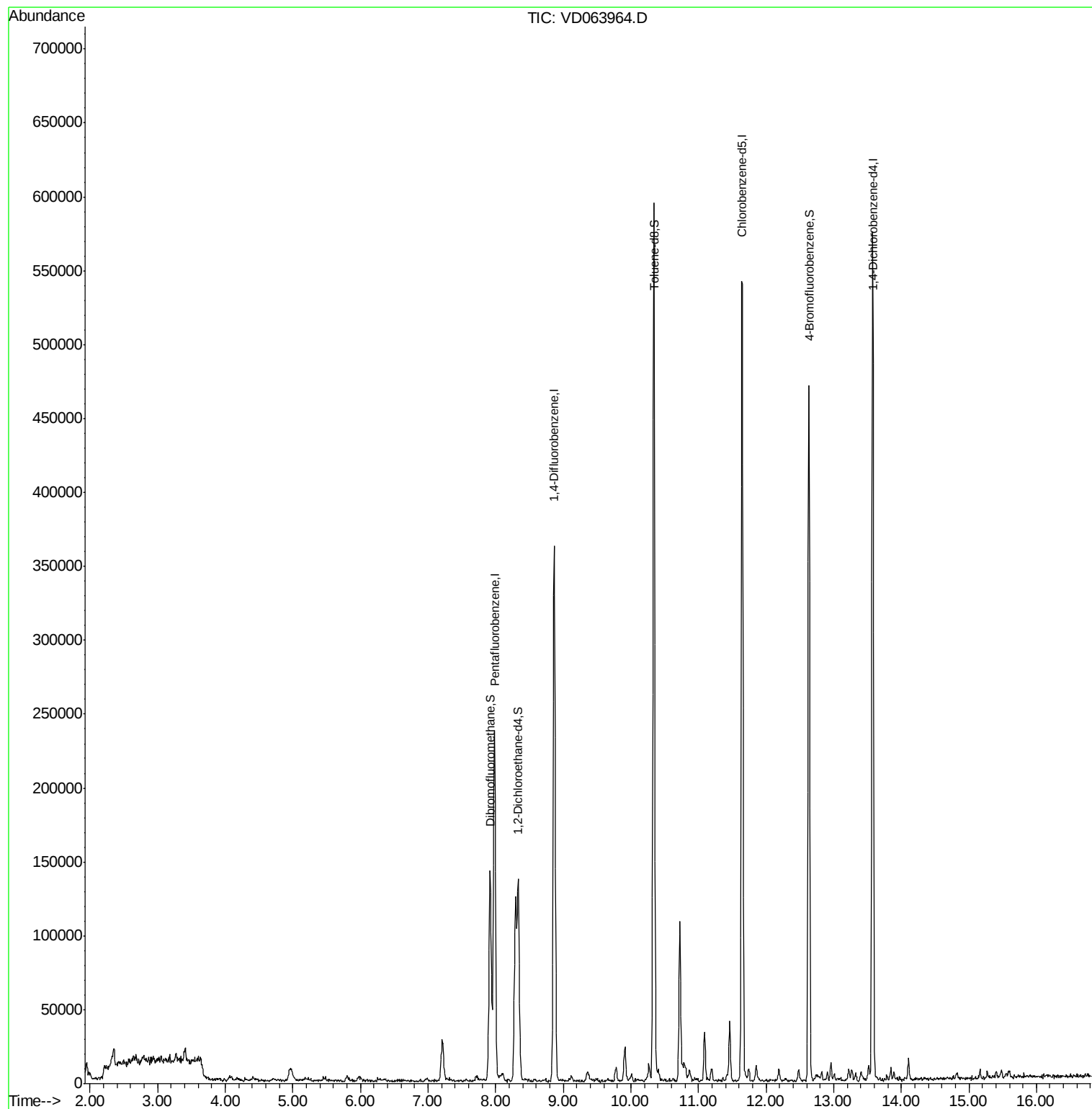
Target Compounds	Qvalue
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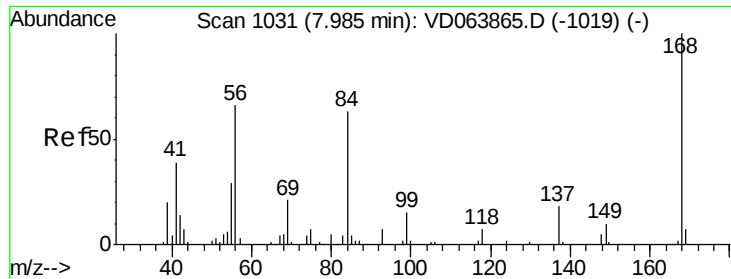
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063964.D

Acq: 15 Oct 2019 11:28

Instrument :

MSVOA_D

ClientSampleId :

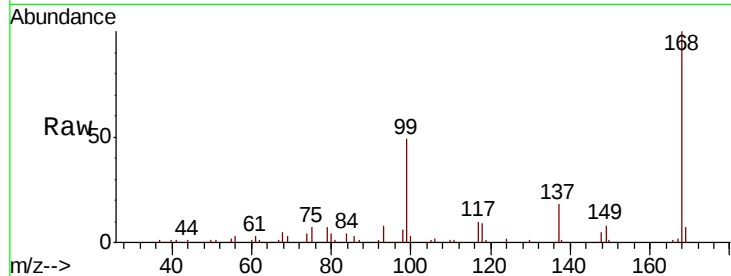
VD1015SBL01

Tot Ion:168 Resp: 176074

Ion Ratio Lower Upper

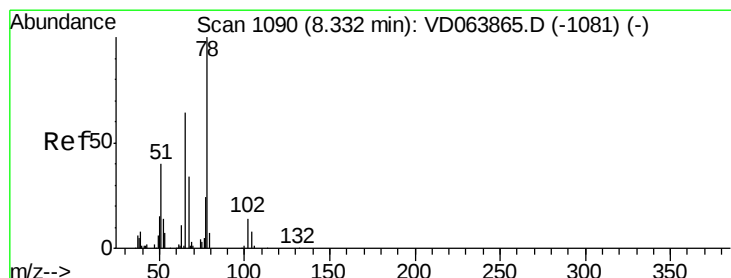
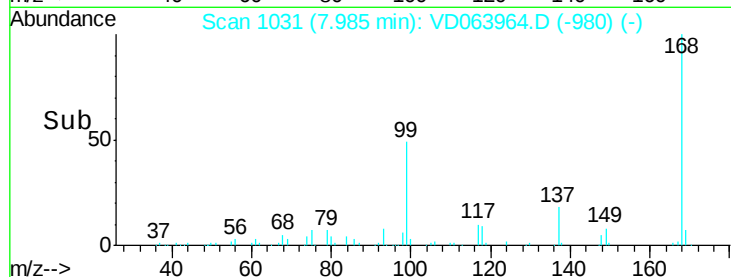
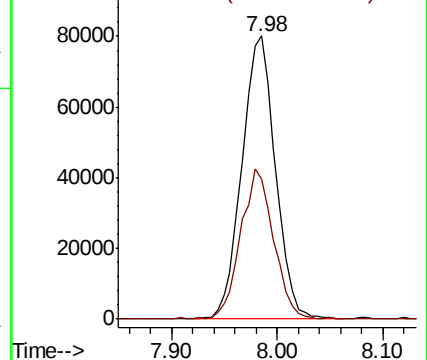
168 100

99 49.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 57.521 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063964.D

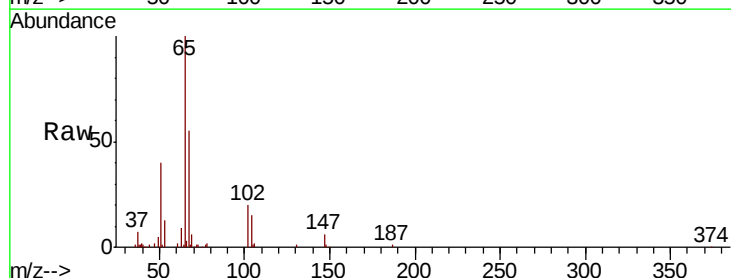
Acq: 15 Oct 2019 11:28

Tgt Ion: 65 Resp: 98604

Ion Ratio Lower Upper

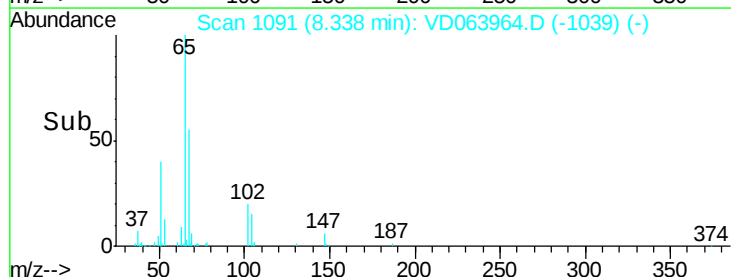
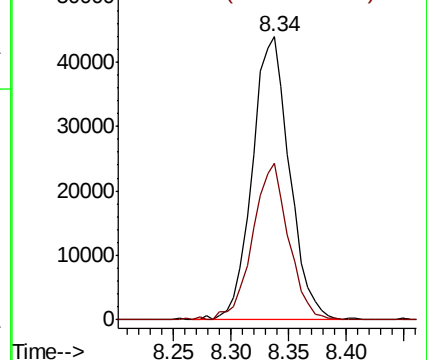
65 100

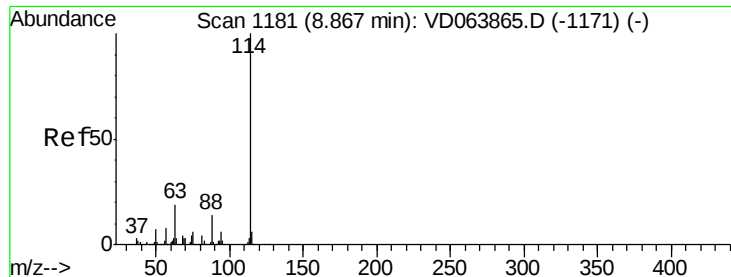
67 53.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD063964.D

Acq: 15 Oct 2019 11:28

Instrument :

MSVOA_D

ClientSampleId :

VD1015SBL01

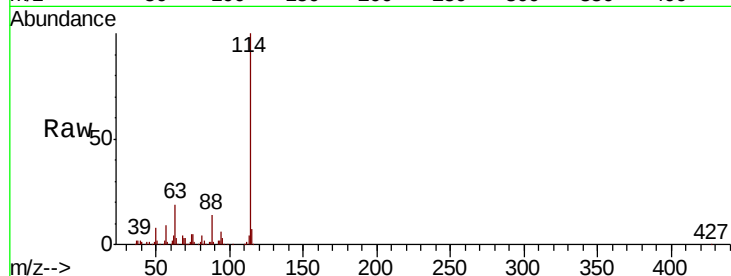
Tot Ion:114 Resp: 316291

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 14.4 0.0 27.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

200000

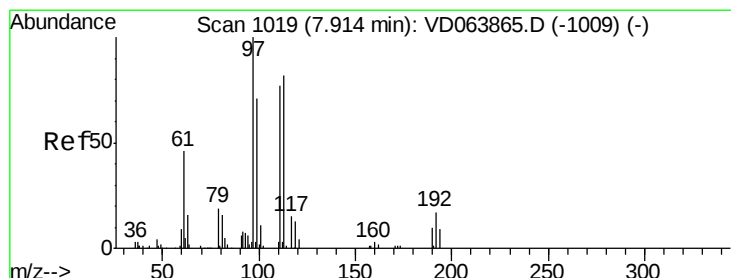
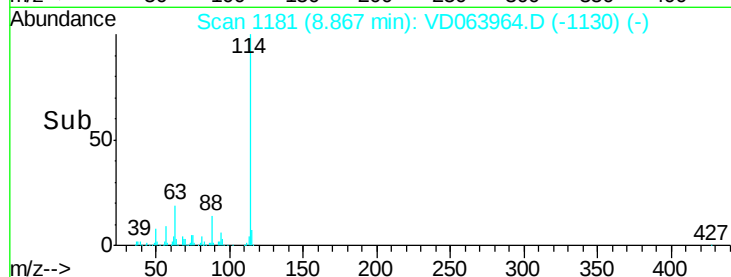
150000

100000

50000

0

Time-->



#35

Dibromofluoromethane

Concen: 52.498 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD063964.D

Acq: 15 Oct 2019 11:28

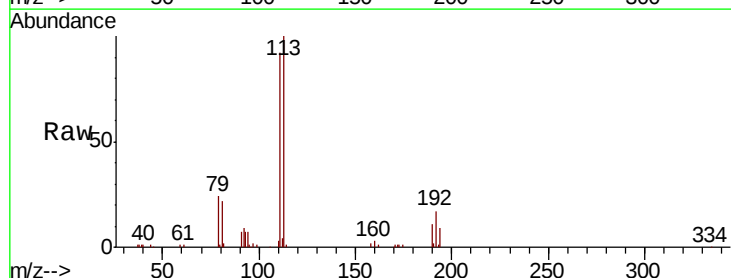
Tgt Ion:113 Resp: 101476

Ion Ratio Lower Upper

113 100

111 99.4 82.6 123.8

192 20.4 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.91

50000

40000

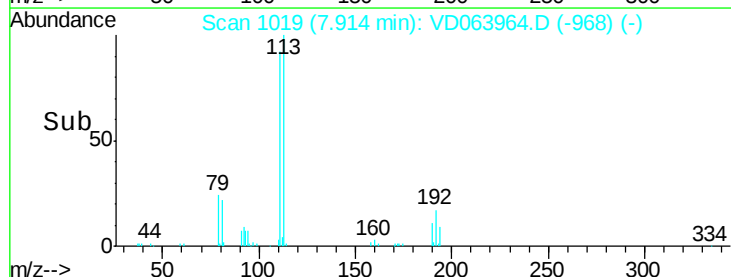
30000

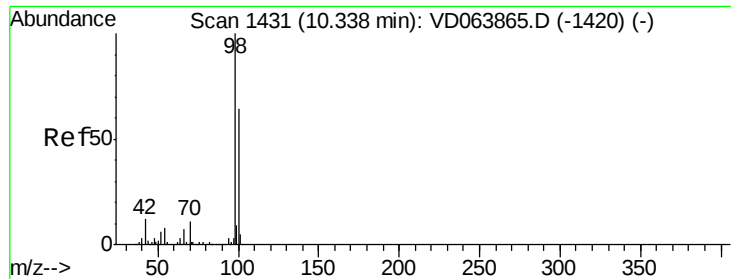
20000

10000

0

Time-->





#50

Toluene-d8

Concen: 52.276 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD063964.D

Acq: 15 Oct 2019 11:28

Instrument :

MSVOA_D

ClientSampleId :

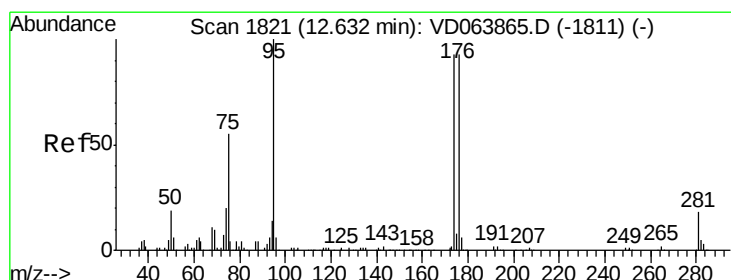
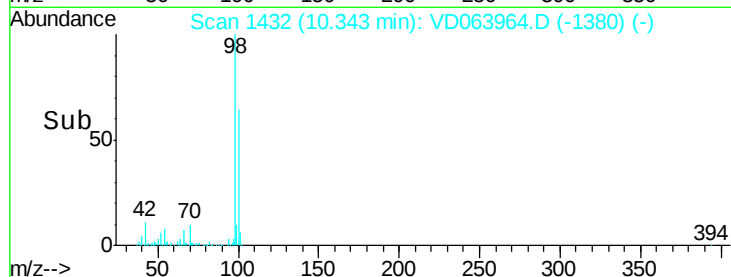
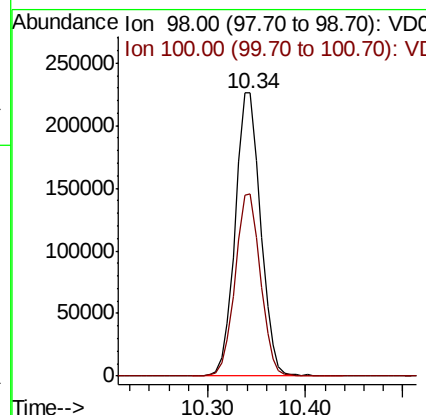
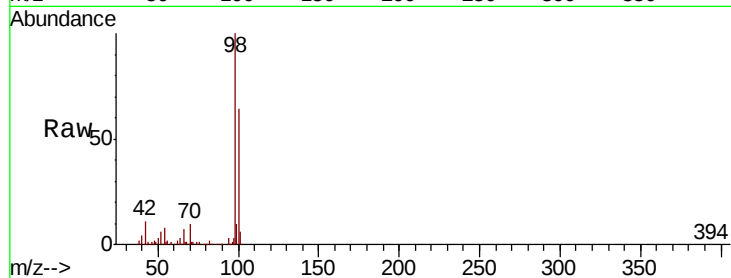
VD1015SBL01

Tot Ion: 98 Resp: 410132

Ion Ratio Lower Upper

98 100

100 64.3 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 47.773 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD063964.D

Acq: 15 Oct 2019 11:28

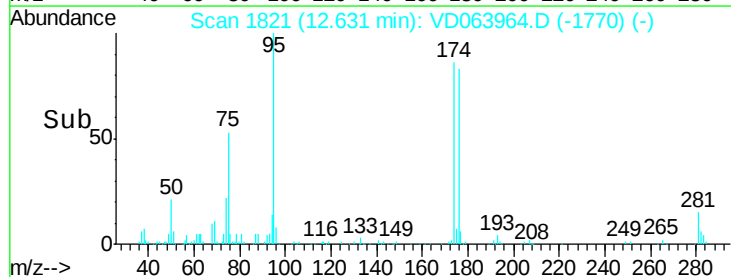
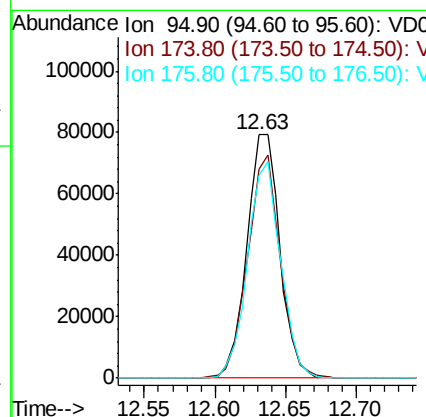
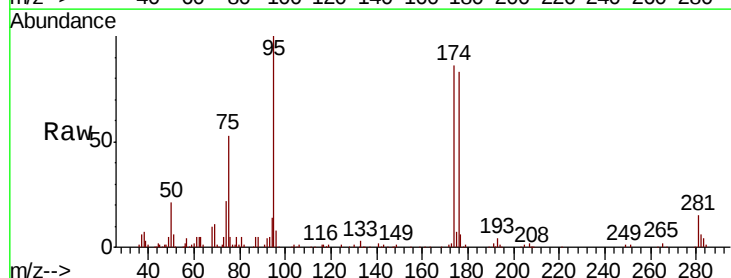
Tgt Ion: 95 Resp: 130245

Ion Ratio Lower Upper

95 100

174 90.7 0.0 186.4

176 89.1 0.0 184.2

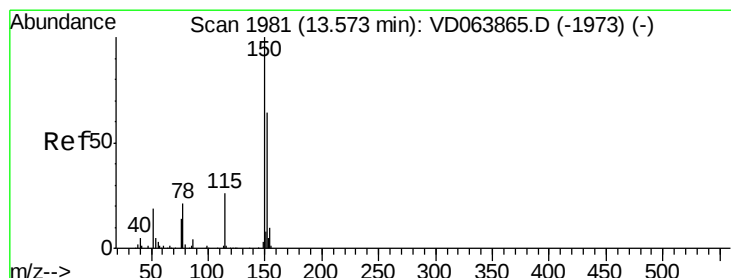
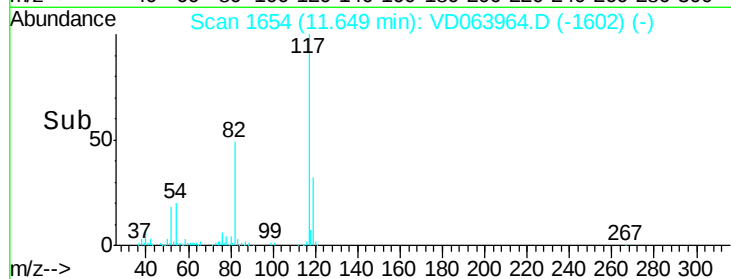
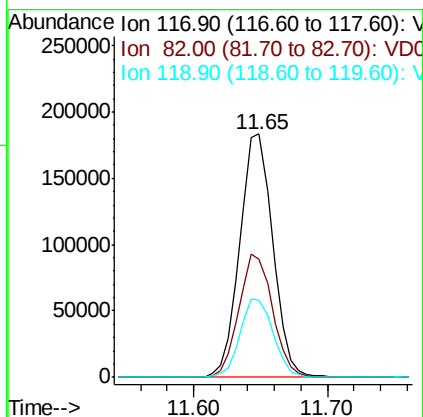
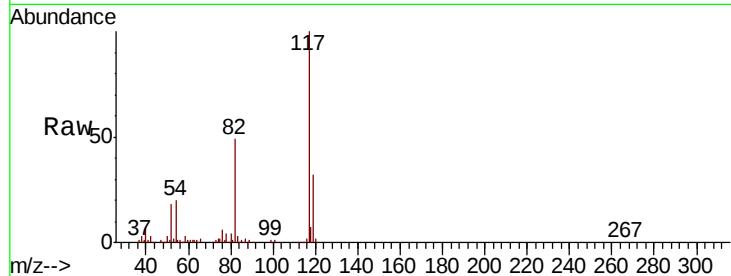




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD063964.D
Acq: 15 Oct 2019 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD1015SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.7	42.8	64.2
119	31.9	24.4	36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD063964.D
Acq: 15 Oct 2019 11:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	25.9	77.7
150	155.4	0.0	344.2

